

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1-19 (Canceled)
- 2 20 (Currently Amended). A method to assist decision-making, and to
- 3 closely monitor various performance measures of an enterprise by
- 4 extending supply chain management using financial management
- 5 considerations, said method being performed on a computer and
- 6 comprising the steps of:
- 7 ~~designing~~ generating a supply chain model on a computer resource
- 8 for a firm utilizing firm-specific information including strategic objectives,
- 9 a desired level of risk, market position of the firm and industry competitive
- 10 landscape;
- 11 performing Monte Carlo simulation on a computer resource to test
- 12 robustness of a generated supply chain model; and
- 13 performing ~~at least one~~ the following optimization technique
- 14 ~~selected from the group of techniques using a computer resource:~~
- 15 a. optimizing ownership structure and transfer pricing
- 16 methodologies for an existing maximizing supply chain model;
- 17 b. optimizing supply chain design for an existing ownership
- 18 structure by seeking to maximize profit or value of the firm within the
- 19 context of international taxation and foreign exchange risk by trading off
- 20 the firm's profitability and benefits of reducing risk by creating a supply
- 21 chain that is naturally hedged using a constrained mathematical model with
- 22 this trade-off modeled in an objective function to create an efficient
- 23 frontier showing optimal expected profits for a chosen level of risk; and
- 24 c. optimizing supply chain design simultaneously with ownership
- 25 structure, with the objective of maximizing profit or the value of the firm;
- 26 21 (Canceled).

1 22 (Original). A method as recited in claim 20, wherein the step of
2 performing at least one optimization technique is accomplished by using a
3 network design problem methodology.

4 23 (Canceled).

5 24 (Currently Amended). A method as recited in claim ~~23~~ 20, wherein the
6 Monte Carlo simulation provides an analysis of impacts of varying foreign
7 exchange rate scenarios.

8 25 (Currently Amended). A method as recite in claim ~~23~~ 20, wherein the
9 Monte Carlo simulation provides ~~and~~ an analysis of impacts of foreign
10 exchange movements on profitability of a selected supply chain design,
11 wherein a customer demand is correlated with foreign exchange rates.

26-28 (Canceled)